

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare:

That my residence, post office address and citizenship are as stated below next to my name.

That I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**FLOORPLAN EVALUATION, GLOBAL ROUTING,
AND BUFFER INSERTION FOR INTEGRATED CIRCUITS**

the specification of which (check one)

☐ is attached hereto.

☒ was filed on September 24, 2003 as
Application Serial No. 10/670,134
and was amended on _____
(if applicable)

That I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

That I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

That I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

			Priority Claimed	
			<input type="checkbox"/>	<input type="checkbox"/>
			Yes	No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	Yes	No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	Yes	No

That I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

United States Application(s)

<u>60/413,096</u> (Application Serial No.)	<u>Sep. 24, 2002</u> (Filing Date)	<u>Pending</u> (Status)-(Patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status)-(Patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status)-(Patented, pending, abandoned)

That all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint the following attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith and request that all correspondence and telephone calls in respect to this application be directed to GREER, BURNS & CRAIN, LTD., 300 South Wacker Drive, Suite 2500, Chicago, Illinois 60606, Telephone No. (312) 360-0080:

<u>Attorney</u>	<u>Registration No.</u>	<u>Attorney</u>	<u>Registration No.</u>
Roger D. Greer	26,174	Brittany C. MacDonald	44,159
Patrick G. Burns	29,367	Arik B. Ransom	43,874
Lawrence J. Crain	31,497	Thomas R. Fitzsimons	40,607
Steven P. Fallon	35,132	Joseph P. Fox	41,760
Paul G. Juettner	30,270	Laura R. Wanek	53,737
Thomas R. Juettner	16,158	Charles C. Claunch	51,221
James K. Folker	37,538	Michael J. Bergnach (Agent)	48,310
Carole A. Mickelson	30,778	Robert M. Patino (Agent)	P-54,367
Josh C. Snider	47,954	Brian J. Slosson (Agent)	P-53,605

Full name of sole or one
joint inventor:

Andrew B. Kahng

Inventor's signature:



Date:

Nov. 6, 2003

Residence and Post Office Address:

2695 Mira Montana Place

Del Mar, CA 92014

Citizenship:

United States

Full name of additional
joint inventor, if any:

Christoph Albrecht

Inventor's signature:

Date:

Residence and Post Office Address:

1568 Campus Drive

Berkeley, CA 94078

Citizenship:

Germany

That all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint the following attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith and request that all correspondence and telephone calls in respect to this application be directed to GREER, BURNS & CRAIN, LTD., 300 South Wacker Drive, Suite 2500, Chicago, Illinois 60606, Telephone No. (312) 360-0080:

<u>Attorney</u>	<u>Registration No.</u>	<u>Attorney</u>	<u>Registration No.</u>
Roger D. Greer	26,174	Brittany C. MacDonald	44,159
Patrick G. Burns	29,367	Arik B. Ransom	43,874
Lawrence J. Crain	31,497	Thomas R. Fitzsimons	40,607
Steven P. Fallon	35,132	Joseph P. Fox	41,760
Paul G. Juettner	30,270	Laura R. Wanek	53,737
Thomas R. Juettner	16,158	Charles C. Claunch	51,221
James K. Folker	37,538	Michael J. Bergnach (Agent)	48,310
Carole A. Mickelson	30,778	Robert M. Patino (Agent)	P-54,367
Josh C. Snider	47,954	Brian J. Slosson (Agent)	P-53,605

Full name of sole or one
joint inventor:

Andrew B. Kahng

Inventor's signature:

Date:

Residence and Post Office Address:

2695 Mira Montana Place

Del Mar, CA 92014

Citizenship:

United States

Full name of additional
joint inventor, if any:

Christoph Albrecht

Inventor's signature:

Christoph Albrecht

Date:

October 6, 2003

Residence and Post Office Address:

1568 Campus Drive

Berkeley, CA 94078

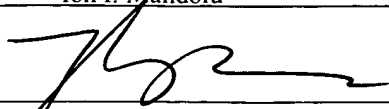
Citizenship:

Germany

Full name of additional
joint inventor, if any:

Ion I. Mandoiu

Inventor's signature:



Date:

10/06/2003

Residence and Post Office Address:

37 Fellen Road

Storrs, CT 06268

Citizenship:

Romania

Full name of additional
joint inventor, if any:

Alexander Z. Zelikovsky

Inventor's signature:

Date:

Residence and Post Office Address:

5225 Tealing Drive N.E.

Roswell, GA 30075

Citizenship:

United States

Address for Correspondence:

GREER, BURNS & CRAIN, LTD.
300 South Wacker Drive, Suite 2500
Chicago, Illinois 60606
(312) 360-0080
Customer No. 24978

Full name of additional
joint inventor, if any:

Christoph Albrecht

Inventor's signature:

Date:

Residence and Post Office Address:

1568 Campus Drive

Berkeley, CA 94078

Citizenship:

Germany

Full name of additional
joint inventor, if any:

Ion I. Mondoiu

Inventor's signature:

Date:

Residence and Post Office Address:

37 Fellen Road

Storrs, CT 06268

Citizenship:

Romania

Full name of additional
joint inventor, if any:

Alexander Z. Zelikovsky

Inventor's signature:

Date:

Residence and Post Office Address:

5225 Tealing Drive N.E.

Roswell, GA 30075

Citizenship:

United States

Address for Correspondence:

GREER, BURNS & CRAIN, LTD.
300 South Wacker Drive, Suite 2500
Chicago, Illinois 60606
(312) 360-0080
Customer No. 24978